

REMARKS

Claims 1, 2, 4, 7-10, 13-19 and 23-25 are pending in the current application. Claims 1, 14 and 17 are independent claims. No new matter has been added. Applicants have included brief descriptions of Figures 2 and 3, which appear to have been inadvertently left out of the originally filed specification. Support for the brief description may be found in paragraphs [0014]-[0016] and [0036] of the originally filed application. In view of the following remarks, favorable reconsideration and allowance of the present application is respectfully requested.

Initially, Applicants thank the Examiner for indicating that the drawings filed on March 31, 2004 have been accepted.

Claim Objections

Claims 1, 2, 4, 7-10 13-19 and 23-25 are objected to because of the following informalities. Claims 1, 14 and 17 recite the similar added limitation "predistorting the first signal" and the Examiner feels there is no antecedent basis for the limitation "the first signal". Applicants have amended claims 1, 14 and 17 to include "frequency" and therefore request withdrawal of this objection.

Rejections under 35 U.S.C. §112, First Paragraph

Claims 1, 2, 4, 7-10, 13-19 and 23-25 stand rejected under 35 U.S.C. §112, first paragraph, as failing to comply with the written description requirement. Applicants respectfully traverse this rejection. Applicants have amended independent claims 1, 14, and 17 to clarify that the compensator constructor configures filter taps for the first and second set of filter units. In view of this amendment, Applicants respectfully request that this rejection be withdrawn.

CONCLUSION

Accordingly, in view of the above, reconsideration of the objections and rejections and allowance of each of claims 1, 2, 4, 7-10, 13-19 and 23-25 in connection with the present application is earnestly solicited.

As discussed above, Applicants respectfully request that the Examiner contact the undersigned to discuss the Applicants' reasoning and/or possible claim amendments that may place the application in condition for allowance.

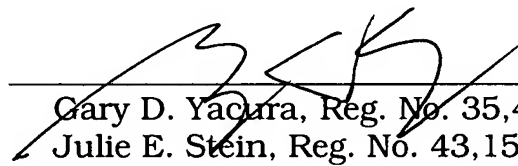
Should there be any matters that need to be resolved in the present application; the Examiner is respectfully requested to contact the undersigned at the telephone number below.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY, & PIERCE, P.L.C.

By



Gary D. Yacura, Reg. No. 35,416
Julie E. Stein, Reg. No. 43,158

GDY/JES:psy

P.O. Box 8910
Reston, Virginia 20195
(703) 668-8000